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DATE: 02/11/2002 RAW SEQUENCE LISTING PATENT APPLICATION: US/09/939,537 TIME: 09:33:06

Input Set : N:\Crf3\RULE60\09939537.txt Output Set: N:\CRF3\02112002\I939537.raw

## SEQUENCE LISTING

```
C--> 5 (1) GENERAL INFORMATION:
             (i) APPLICANT: Seed, Brian
      8
                            Banapour, Babak
      9
                            Romeo, Charles
     10
                            Kolanus, Waldemar
c--> 12
            (ii) TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
                                     CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
     13
           (iii) NUMBER OF SEQUENCES: 53
     15
            (iv) CORRESPONDENCE ADDRESS:
     17
                  (A) ADDRESSEE: Clark & Elbing LLP
     18
     19
                  (B) STREET: 176 Federal Street
     20
                  (C) CITY: Boston
     21
                  (D) STATE: MA
                                                   ENTERED
     22
                  (E) COUNTRY: USA
     23
                  (F) ZIP: 02110
     25
             (v) COMPUTER READABLE FORM:
     26
                  (A) MEDIUM TYPE: Diskette
     27
                  (B) COMPUTER: IBM Compatible
     28
                  (C) OPERATING SYSTEM: DOS
     29
                  (D) SOFTWARE: FastSEQ for Windows Version 2.0
     31
            (vi) CURRENT APPLICATION DATA:
C--> 32
                  (A) APPLICATION NUMBER: US/09/939,537
                  (B) FILING DATE: 24-Aug-2001
C--> 33
     39
                  (C) CLASSIFICATION:
           (vii) PRIOR APPLICATION DATA:
C--> 41
                  (A) APPLICATION NUMBER: 08/284,391
     37
     38
                  (B) FILING DATE: 02-AUG-1994
     42
                  (A) APPLICATION NUMBER: 08/195,395
     43
                  (B) FILING DATE: 14-FEB-1994
     45
                  (A) APPLICATION NUMBER: 07/847,566
     46
                  (B) FILING DATE: 06-MAR-1992
                  (A) APPLICATION NUMBER: 07/665,961
     48
     49
                  (B) FILING DATE: 07-MAR-1991
     51
          (viii) ATTORNEY/AGENT INFORMATION:
     52
                  (A) NAME: Elbing, Karen L
     53
                  (B) REGISTRATION NUMBER: 35,238
     54
                  (C) REFERENCE/DOCKET NUMBER: 00786/247001
     56
            (ix) TELECOMMUNICATION INFORMATION:
     57
                  (A) TELEPHONE: 617-428-0200
     58
                  (B) TELEFAX: 617-428-7045
     59
                  (C) TELEX:
```

62 (2) INFORMATION FOR SEQ ID NO: 1:



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Input Set : N:\Crf3\RULE60\09939537.txt
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64	(i) SEQUENCE CHARACTERISTICS:												
65	(1) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 1728 base pairs												
66	(B) TYPE: nucleic acid												
67	(C) STRANDEDNESS: double												
68	(D) TOPOLOGY: linear												
70	(ii) MOLECULE TYPE: cDNA												
72	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:												
74	ATGAACCGGG GAGTCCCTTT TAGGCACTTG CTTCTGGTGC TGCAACTGGC GCTCCTCCCA	60											
75	GCAGCCACTC AGGGAAACAA AGTGGTGCTG GGCAAAAAAG GGGATACAGT GGAACTGACC	120											
76	TGTACAGCTT CCCAGAAGAA GAGCATACAA TTCCACTGGA AAAACTCCAA CCAGATAAAG	180											
77	ATTCTGGGAA ATCAGGGCTC CTTCTTAACT AAAGGTCCAT CCAAGCTGAA TGATCGCGCT	240											
78	GACTCAAGAA GAAGCCTTTG GGACCAAGGA AACTTCCCCC TGATCATCAA GAATCTTAAG	300											
79	ATAGAAGACT CAGATACTTA CATCTGTGAA GTGGAGGACC AGAAGGAGGA GGTGCAATTG	360											
80	CTAGTGTTCG GATTGACTGC CAACTCTGAC ACCCACCTGC TTCAGGGGCA GAGCCTGACC	420											
81	CTGACCTTGG AGAGCCCCCC TGGTAGTAGC CCCTCAGTGC AATGTAGGAG TCCAAGGGGT	480											
82	AAAAACATAC AGGGGGGAA GACCCTCTCC GTGTCTCAGC TGGAGCTCCA GGATAGTGGC	540											
83	ACCTGGACAT GCACTGTCTT GCAGAACCAG AAGAAGGTGG AGTTCAAAAT AGACATCGTG	600											
84	GTGCTAGCTT TCCAGAAGGC CTCCAGCATA GTCTATAAGA AAGAGGGGGA ACAGGTGGAG	660											
85	TTCTCCTTCC CACTCGCCTT TACAGTTGAA AAGCTGACGG GCAGTGGCGA GCTGTGGTGG	720											
86	CAGGCGGAGA GGGCTTCCTC CTCCAAGTCT TGGATCACCT TTGACCTGAA GAACAAGGAA	780											
87	GTGTCTGTAA AACGGGTTAC CCAGGACCCT AAGCTCCAGA TGGGCAAGAA GCTCCCGCTC	840											
88	CACCTCACCC TGCCCCAGGC CTTGCCTCAG TATGCTGGCT CTGGAAACCT CACCCTGGCC	900											
89	CTTGAAGCGA AAACAGGAAA GTTGCATCAG GAAGTGAACC TGGTGGTGAT GAGAGCCACT	960											
90	CAGCTCCAGA AAAATTTGAC CTGTGAGGTG TGGGGACCCA CCTCCCCTAA GCTGATGCTG	1020											
91	AGCTTGAAAC TGGAGAACAA GGAGGCAAAG GTCTCGAAGC GGGAGAAGCC GGTGTGGGTG	1080											
92	CTGAACCCTG AGGCGGGGAT GTGGCAGTGT CTGCTGAGTG ACTCGGGACA GGTCCTGCTG	1140											
93	GAATCCAACA TCAAGGTTCT GCCCACATGG TCCACCCCGG TGCACGCGGA TCCCAAACTC	1200											
94	TGCTACTTGC TAGATGGAAT CCTCTTCATC TACGGAGTCA TCATCACAGC CCTGTACCTG	1260											
95	AGAGCAAAAT TCAGCAGGAG TGCAGAGACT GCTGCCAACC TGCAGGACCC CAACCAGCTC	1320											
96	TACAATGAGC TCAATCTAGG GCGAAGAGAG GAATATGACG TCTTGGAGAA GAAGCGGGCT	1380											
97	CGGGATCCAG AGATGGGAGG CAAACAGCAG AGGAGGAGGA ACCCCCAGGA AGGCGTATAC	1440											
98	AATGCACTGC AGAAAGACAA GATGCCAGAA GCCTACAGTG AGATCGGCAC AAAAGGCGAG	1500											
99	AGGCGGAGAG GCAAGGGGCA CGATGGCCTT TACCAGGACA GCCACTTCCA AGCAGTGCAG	1560											
100	TTCGGGAACA GAAGAGAGA AGAAGGTTCA GAACTCACAA GGACCCTTGG GTTAAGAGCC	1620											
101		1680											
102	CCCACTCTGT GGAGTCCATG GCCACCCAGT AGCAGCTCCC AGCTCTAA	1728											
	(2) INFORMATION FOR SEQ ID NO: 2:												
106	(i) SEQUENCE CHARACTERISTICS:												
107	. ,												
108	(B) TYPE: nucleic acid												
109													
110	(D) TOPOLOGY: linear												
112	(ii) MOLECULE TYPE: cDNA												
114	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:												
116	ATGAACCGGG GAGTCCCTTT TAGGCACTTG CTTCTGGTGC TGCAACTGGC GCTCCTCCCA	60											
117		120											
118	·	180											
119		240											
120	GACTCAAGAA GAAGCCTTTG GGACCAAGGA AACTTCCCCC TGATCATCAA GAATCTTAAG	300											



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121	ATAGAAGACT CAGATACTTA	CATCTGTGAA	GTGGAGGACC	AGAAGGAGGA	GGTGCAATTG	360							
122	CTAGTGTTCG GATTGACTGC	CAACTCTGAC	ACCCACCTGC	TTCAGGGGCA	GAGCCTGACC	420							
123	CTGACCTTGG AGAGCCCCCC	TGGTAGTAGC	CCCTCAGTGC	AATGTAGGAG	TCCAAGGGGT	480							
124	AAAAACATAC AGGGGGGGAA	GACCCTCTCC	GTGTCTCAGC	TGGAGCTCCA	GGATAGTGGC	540							
125	ACCTGGACAT GCACTGTCTT	GCAGAACCAG	AAGAAGGTGG	AGTTCAAAAT	AGACATCGTG	600							
126	GTGCTAGCTT TCCAGAAGGC	CTCCAGCATA	GTCTATAAGA	AAGAGGGGGA	ACAGGTGGAG	660							
127	TTCTCCTTCC CACTCGCCTT	TACAGTTGAA	AAGCTGACGG	GCAGTGGCGA	GCTGTGGTGG	720							
128	CAGGCGGAGA GGGCTTCCTC	CTCCAAGTCT	TGGATCACCT	TTGACCTGAA	GAACAAGGAA	780							
129	GTGTCTGTAA AACGGGTTAC	CCAGGACCCT	AAGCTCCAGA	TGGGCAAGAA	GCTCCCGCTC	840							
130	·												
131													
132	CAGCTCCAGA AAAATTTGAC CTGTGAGGTG TGGGGACCCA CCTCCCCTAA GCTGATGCTG												
133	AGCTTGAAAC TGGAGAACAA	GGAGGCAAAG	GTCTCGAAGC	GGGAGAAGCC	GGTGTGGGTG	1080							
134	CTGAACCCTG AGGCGGGGAT	GTGGCAGTGT	CTGCTGAGTG	ACTCGGGACA	GGTCCTGCTG	1140							
135	GAATCCAACA TCAAGGTTCT	GCCCACATGG	TCCACCCCGG	TGCACGCGGA	TCCGCAGCTC	1200							
136	TGCTATATCC TGGATGCCAT	CCTGTTTTTG	TATGGTATTG	TCCTTACCCT	GCTCTACTGT	1260							
137													
138	TACACGGGCC TGAACACCCG	GAACCAGGAG	ACATATGAGA	CTCTGAAACA	TGAGAAACCA	1380							
139	CCCCAATAG			•		1389							
141													
143													
144	(-,												
145	(B) TYPE: nu	cleic acid											
146	(C) STRANDED	NESS: double	9										
147	(D) TOPOLOGY: linear												
149	· ·												
151													
153	ATGAACCGGG GAGTCCCTTT	TAGGCACTTG	CTTCTGGTGC	TGCAACTGGC	GCTCCTCCCA	60							
154	GCAGCCACTC AGGGAAACAA	AGTGGTGCTG	GGCAAAAAAG	GGGATACAGT	GGAACTGACC	120							
155	TGTACAGCTT CCCAGAAGAA	GAGCATACAA	TTCCACTGGA	AAAACTCCAA	CCAGATAAAG	180							
156	ATTCTGGGAA ATCAGGGCTC	CTTCTTAACT	AAAGGTCCAT	CCAAGCTGAA	TGATCGCGCT	240							
157	GACTCAAGAA GAAGCCTTTG	GGACCAAGGA	AACTTCCCCC	TGATCATCAA	GAATCTTAAG	300							
158	ATAGAAGACT CAGATACTTA	CATCTGTGAA	GTGGAGGACC	AGAAGGAGGA	GGTGCAATTG	360							
159	CTAGTGTTCG GATTGACTGC	CAACTCTGAC	ACCCACCTGC	TTCAGGGGCA	GAGCCTGACC	420							
160	CTGACCTTGG AGAGCCCCCC	TGGTAGTAGC	CCCTCAGTGC	AATGTAGGAG	TCCAAGGGGT	480							
161	AAAAACATAC AGGGGGGGAA	GACCCTCTCC	GTGTCTCAGC	TGGAGCTCCA	GGATAGTGGC	540							
162	ACCTGGACAT GCACTGTCTT	GCAGAACCAG	AAGAAGGTGG	AGTTCAAAAT	AGACATCGTG	600							
163	GTGCTAGCTT TCCAGAAGGC			= :		660							
164	TTCTCCTTCC CACTCGCCTT	TACACTTCAA	AAGCTGACGG	CCACTCCCCA	CCTCTCCTCC	720							
165													
166	CAGGCGGAGA GGGCTTCCTC					780							
	CAGGCGGAGA GGGCTTCCTC GTGTCTGTAA AACGGGTTAC	CTCCAAGTCT	TGGATCACCT	TTGACCTGAA	GAACAAGGAA	840							
167	GTGTCTGTAA AACGGGTTAC CACCTCACCC TGCCCCAGGC	CTCCAAGTĆT CCAGGACCCT CTTGCCTCAG	TGGATCACCT AAGCTCCAGA TATGCTGGCT	TTGACCTGAA TGGGCAAGAA CTGGAAACCT	GAACAAGGAA GCTCCCGCTC CACCCTGGCC	840 900							
168	GTGTCTGTAA AACGGGTTAC	CTCCAAGTĆT CCAGGACCCT CTTGCCTCAG	TGGATCACCT AAGCTCCAGA TATGCTGGCT	TTGACCTGAA TGGGCAAGAA CTGGAAACCT	GAACAAGGAA GCTCCCGCTC CACCCTGGCC	840 900 960							
168 169	GTGTCTGTAA AACGGGTTAC CACCTCACCC TGCCCCAGGC	CTCCAAGTCT CCAGGACCCT CTTGCCTCAG GTTGCATCAG	TGGATCACCT AAGCTCCAGA TATGCTGGCT GAAGTGAACC	TTGACCTGAA TGGGCAAGAA CTGGAAACCT TGGTGGTGAT	GAACAAGGAA GCTCCCGCTC CACCCTGGCC GAGAGCCACT	840 900 960 1020							
168 169 170	GTGTCTGTAA AACGGGTTAC CACCTCACCC TGCCCCAGGC CTTGAAGCGA AAACAGGAAA	CTCCAAGTĆT CCAGGACCCT CTTGCCTCAG GTTGCATCAG CTGTGAGGTG	TGGATCACCT AAGCTCCAGA TATGCTGGCT GAAGTGAACC TGGGGACCCA	TTGACCTGAA TGGGCAAGAA CTGGAAACCT TGGTGGTGAT CCTCCCCTAA	GAACAAGGAA GCTCCCGCTC CACCCTGGCC GAGAGCCACT GCTGATGCTG	840 900 960 1020 1080							
168 169 170 171	GTGTCTGTAA AACGGGTTAC CACCTCACCC TGCCCCAGGC CTTGAAGCGA AAACAGGAAA CAGCTCCAGA AAAATTTGAC	CTCCAAGTĆT CCAGGACCCT CTTGCCTCAG GTTGCATCAG CTGTGAGGTG GGAGGCAAAG	TGGATCACCT AAGCTCCAGA TATGCTGGCT GAAGTGAACC TGGGGACCCA GTCTCGAAGC	TTGACCTGAA TGGGCAAGAA CTGGAAACCT TGGTGGTGAT CCTCCCCTAA GGGAGAAGCC	GAACAAGGAA GCTCCCGCTC CACCCTGGCC GAGAGCCACT GCTGATGCTG GGTGTGGGTG	840 900 960 1020 1080 1140							
168 169 170 171 172	GTGTCTGTAA AACGGGTTAC CACCTCACCC TGCCCCAGGC CTTGAAGCGA AAACAGGAAA CAGCTCCAGA AAAATTTGAC AGCTTGAAAC TGGAGAACAA	CTCCAAGTĆT CCAGGACCCT CTTGCCTCAG GTTGCATCAG CTGTGAGGTG GGAGGCAAAG GTGGCAGTGT	TGGATCACCT AAGCTCCAGA TATGCTGGCT GAAGTGAACC TGGGGACCCA GTCTCGAAGC CTGCTGAGTG	TTGACCTGAA TGGGCAAGAA CTGGAAACCT TGGTGGTGAT CCTCCCCTAA GGGAGAAGCC ACTCGGGACA	GAACAAGGAA GCTCCCGCTC CACCCTGGCC GAGAGCCACT GCTGATGCTG GGTGTGGGTG GGTCCTGCTG	840 900 960 1020 1080 1140 1200							
168 169 170 171	GTGTCTGTAA AACGGGTTAC CACCTCACCC TGCCCCAGGC CTTGAAGCGA AAACAGGAAA CAGCTCCAGA AAAATTTGAC AGCTTGAAAC TGGAGAACAA CTGAACCCTG AGGCGGGGAT	CTCCAAGTCT CCAGGACCCT CTTGCCTCAG GTTGCATCAG CTGTGAGGTG GGAGGCAAAG GTGGCAGTGT GCCCACATGG	TGGATCACCT AAGCTCCAGA TATGCTGGCT GAAGTGAACC TGGGGACCCA GTCTCGAAGC CTGCTGAGTG TCCACCCCGG	TTGACCTGAA TGGGCAAGAA CTGGAAACCT TGGTGGTGAT CCTCCCCTAA GGGAGAAGCC ACTCGGGACA TGCACGCGGA	GAACAAGGAA GCTCCCGCTC CACCCTGGCC GAGAGCCACT GCTGATGCTG GGTGTGGGTG GGTCCTGCTG TCCCAAACTC	840 900 960 1020 1080 1140							



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Input Set : N:\Crf3\RULE60\09939537.txt Output Set: N:\CRF3\02112002\1939537.raw

175 176 177 178 179 181 183 184 185 186	CGGGACCCTG AGATGGGGGG AAAGCCGAGA AGGAAGACC CTCAGGAAGG CCTGTACAAT GAACTGCAGA AAGATAAGAT GGCGGAGGCC TACAGTGAGA TTGGGATGAA AGGCGAGCGC CGGAGGGGCA AGGGCACGA TGGCCTTTAC CAGGGTCTCA GTACAGCCAC CAAGGACACC TACGACGCCC TTCACATGCA GGCCCTGCCC CCTCGCTAA  (2) INFORMATION FOR SEQ ID NO: 4:  (i) SEQUENCE CHARACTERISTICS:  (A) LENGTH: 575 amino acids (B) TYPE: amino acid (C) STRANDEDNESS: single												1380 1440 1500 1560 1599				
189	(ii) MOLECULE TYPE: protein																
191	(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4: Met Asn Arg Gly Val Pro Phe Arg His Leu Leu Leu Val Leu Gln Leu																
193	Met	Asn	Arg	Gly	Val	Pro	Phe	Arg	His	Leu	Leu	Leu	Val	Leu	Gln	Leu	
194	1				5					10					15		
195	Ala	Leu	Leu		Ala	Ala	Thr	Gln		Asn	Lys	Val	Val		Gly	Lys	
196		_		20	_			_	25	_	_			30	_		
197	Lys	Gly	_	Thr	Val	Glu	Leu		Cys	Thr	Ala	Ser		Lys	Lys	Ser	
198	<b>-1</b> -	<b>01</b>	35	***	m	<b>T</b>	•	40		<b>a</b> 1	<b>-</b> 1 -	<b>.</b>	45	<b>~</b>	<b>01</b>	<b>3</b>	
199	IIe		Pne	HIS	Trp	Lys	Asn 55	Ser	Asn	Gln	IIe	ьуs 60	TTE	Ļеu	GIĀ	Asn	
200 201	Cln	50	Sor	Dho	Len	Thr		C117	Bro	Sar	Tvc		λcn	λcn	λνα	λ1 -	
202	65	GLY	361	FIIC	шец	70	шуз	GLY	FIO	Ser	75	цец	HSII	лэр	nry	80	
202		Ser	Δra	Δra	Ser	-	Ψгр	Δsn	Gln	Gly		Phe	Pro	T.e.u	Tle		
204	пор	501	9	9	85	шец		пор	01	90		1110	110	шец	95	110	
205	Lvs	Asn	Leu	Lvs		Glu	Asp	Ser	Asp	Thr	Tvr	Ile	Cvs	Glu		Glu	
206	-			100			-		105		•		•	110			
207	Asp	Gln	Lys	Glu	Glu	Val	Gln	Leu	Leu	Val	Phe	Gly	Leu	Thr	Ala	Asn	
208			115					120					125				
209	Ser	Asp	Thr	His	Leu	Leu	Gln	Gly	Gln	Ser	Leu	Thr	Leu	Thr	Leu	Glu	
210		130					135					140					
211		Pro	Pro	Gly	Ser		Pro	Ser	Val	Gln		Arg	Ser	Pro	Arg		
212	145					150					155					160	
213	Lys	Asn	Ile	Gln	-	Gly	Lys	Thr	Leu	Ser	Val	Ser	Gln	Leu		Leu	
214	<b>61</b>		<b>a</b>	<b>a</b> 1	165	<b></b>	m)	<b></b>	m1	170	<b>.</b>	<b>a</b> 1	<b>3</b>	<b>01</b>	175	T	
215	GIn	Asp	Ser	_	Thr	тгр	Thr	Cys		Val	Leu	GIN	Asn		ьўs	гÀг	
216 217	1751	Clu	Dho	180	тіо	λan	Tlo	Wa 1	185	Tou	λla	Dha	Cln	190	λla	Ser	
218	Val	GIU	195	цуъ	116	АБР	116	200	vaı	Leu	Ala	FIIE	205	шуз	нта	361	
219	Ser	Tle		Ψvr	T.vc	Lvc	Glu		Glu	Gln	Val	Glu		Ser	Phe	Pro	
220	oci	210	, 41	-1-	<i>L</i> , <i>S</i>	1,5	215	OI1	Olu	01	, a _	220	1	001			
221	Leu		Phe	Thr	Val	Glu		Leu	Thr	Gly	Ser		Glu	Leu	Trp	Trp	
222	225					230	-1-			1	235	1				240	
223		Ala	Glu	Arg	Ala	Ser	Ser	Ser	Lys	Ser	Trp	Ile	Thr	Phe	Asp	Leu	
224				_	245				_	250	_				255		
225	Lys	Asn	Lys	Glu	Val	Ser	Val	Lys	Arg	Val	Thr	Gln	Asp	Pro	Lys	Leu	
226				260					265					270			
227	Gln	Met	Gly	Lys	Lys	Leu	Pro		His	Leu	Thr	Leu		Gln	Ala	Leu	
228			275					280					285				



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229 230	Pro	Gln 290	Tyr	Ala	Gly	Ser	Gly 295	Asn	Leu	Thr	Leu	Ala 300	Leu	Glu	Ala	Lys
231 232	Thr 305	Gly	Lys	Leu	His	Gln 310	Glu	Val	Asn	Leu	Val 315	Val	Met	Arg	Ala	Thr 320
233		Leu	Gln	Lys			Thr	Cys	Glu	Val 330		Gly	Pro	Thr	Ser 335	
234	Lys	Leu	Met		325 Ser	Leu	Lys	Leu			Lys	Glu	Ala			Ser
236 237	Lys	Arg	Glu	340 Lys	Pro	Val	Trp	Val	345 Leu	Asn	Pro	Glu	Ala	350 Gly	Met	Trp
238	Cl n	Crro	355 Leu	Tou	Com	A an	Cor	360	Cl n	17 - 1	T 011	T 011	365	Co~	Nan	Tl o
239 240	GIII	370	ьeu	ьеи	ser	ASP	375	GIY	GIII	Val	ьeu	380	GIU	ser	ASII	ire
241 242	Lys 385	Val	Leu	Pro	Thr	Trp 390	Ser	Thr	Pro	Val	His	Ala	Asp	Pro	Lys	Leu 400
243	Cys	Tyr	Leu	Leu		Gly	Ile	Leu	Phe		Tyr	Gly	Val	Ile		Thr
244 245	Ala	Leu	Tyr	Leu	405 Ara	Ala	Lvs	Phe	Ser	410 Arg	Ser	Ala	Glu	Thr	415 Ala	Ala
246			-1-	420	9		_, _	20	425	5	502		0	430		
247	Asn	Leu	Gln	Asp	Pro	Asn	Gln		Tyr	Asn	Glu	Leu		Leu	Gly	Arg
248 249	λνα	Glu	435 Glu	Tur	Aen	Val	T.011	440 Glu	Luc	Tue	λrα	λla	445	<b>Nen</b>	Pro	Glu
250	AIG	450	GIU	ıyı	nsp	Val	455	GIU	цуъ	цуѕ	AIG	460	AIG	nsp	FIO	Giu
251	Met	Gly	Gly	Lys	Gln	Gln	Arg	Arg	Arg	Asn	Pro	Gln	Glu	Gly	Val	Tyr
252	465				•	470					475					480
253	Asn	Ala	Leu	Gln	_	Asp	Lys	Met	Pro		Ala	Tyr	Ser	Glu		Gly
254 255	mb re	Tvra	C1	C1	485	7 ~~	7 ~~	C1	Trra	490	uic	) an	C1	T 011	495	Cln
256	1111	пуѕ	Gly	500	AIG	AIG	AIG	GIY	505	GIY	птр	ASP	GIY	510	тут	GIII
257	Asp	Ser	His		Gln	Ala	Val	Gln		Gly	Asn	Arg	Arg	Glu	Arg	Glu
258			515					520					525			
259	Gly		Glu	Leu	Thr	Arg		Leu	Gly	Leu	Arg		Arg	Pro	Lys	Gly
260 261	Glu	530 Ser	Thr	Gln	Gln	Ser	535 Ser	Gln	Ser	Cvs	Δla	540 Ser	Val	Phe	Ser	Tle
262	545	001	1111	0111	0111	550	JCI	0111	001	0,15	555	DCI	var	1110	DCI	560
263	Pro	Thr	Leu	Trp	Ser	Pro	Trp	Pro	Pro	Ser	Ser	Ser	Ser	Gln	Leu	
264					565					570					575	
	(2)															
268		(1)	SEQU							_						
269 270							2 am: o ac:		acras	j .					•	
271									le							
272		<pre>(C) STRANDEDNESS: single (D) TOPOLOGY: linear</pre>														
274		(ii)	MOL													
276		(xi)	SEQU	JENCI	E DES	SCRI	PTIO	N: SI	EQ II	ON C	: 5:					
278		Asn	Arg	Gly		Pro	Phe	Arg	His		Leu	Leu	Val	Leu		Leu
279	1	<b>T</b>	T ~ · ·	D == -	5	<b>31</b> -	m1	C1-	C1	10	T	17c 1	37- 3	Terr	15	T
280 281	ATA	ьeu	Leu	20	ATA	ΑΙα	rnr	GIN	G1y 25	ASN	гуѕ	vaı	vaı	Leu 30	стА	гуѕ
282	Lvs	Glv	Asp		Val	Glu	Leu	Thr		Thr	Ala	Ser	Gln		Lvs	Ser
	_1 -	1	L						- 1 -					-10	_1 -	



**VERIFICATION SUMMARY** 

PATENT APPLICATION: US/09/939,537

DATE: 02/11/2002 TIME: 09:33:07

Input Set : N:\Crf3\RULE60\09939537.txt Output Set: N:\CRF3\02112002\I939537.raw

L:5 M:220 C: Keyword misspelled or invalid format, [(1) GENERAL INFORMATION:] L:12 M:220 C: Keyword misspelled or invalid format, [(ii) TITLE OF INVENTION:] L:32 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:] L:33 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:36 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]